FIG. 1

FIG. 2

FIG. 3

(Prior Art)
FIG. 4

FIG. 5

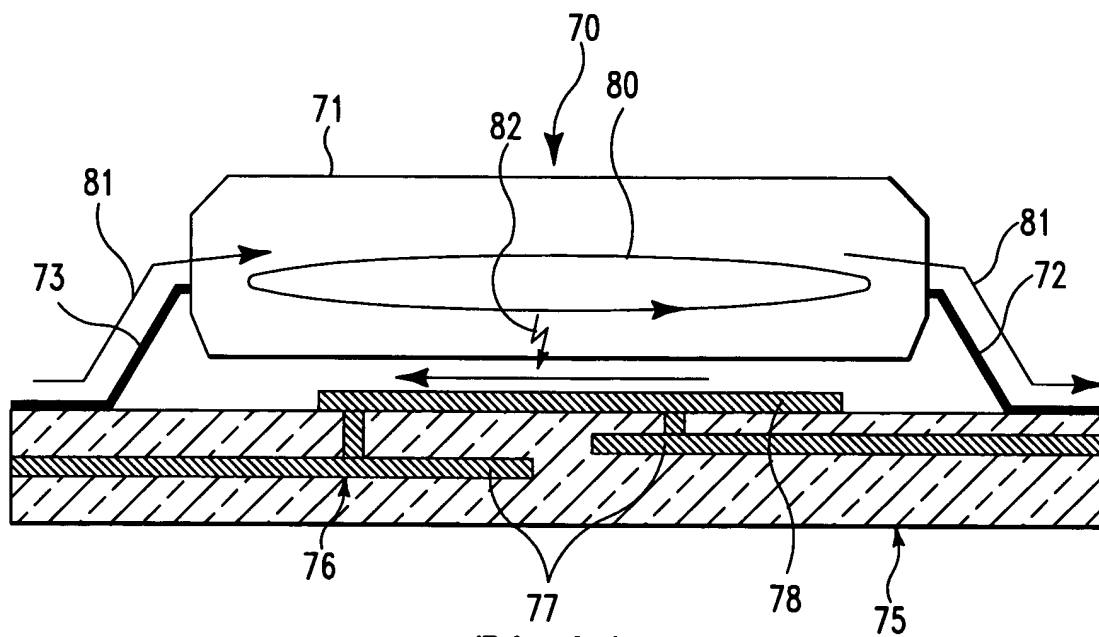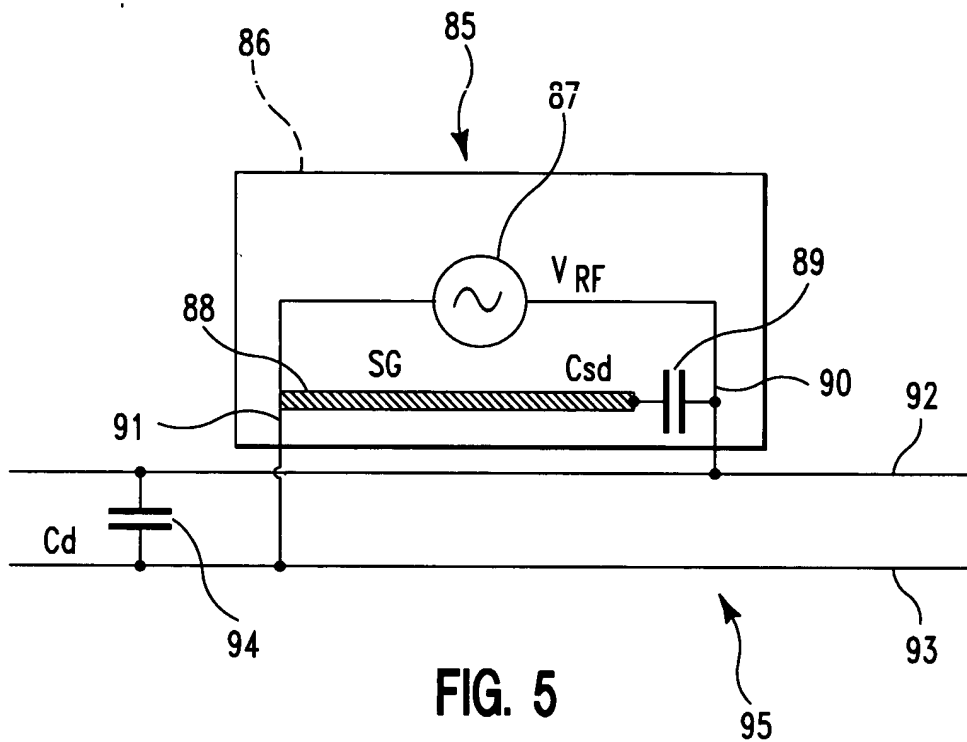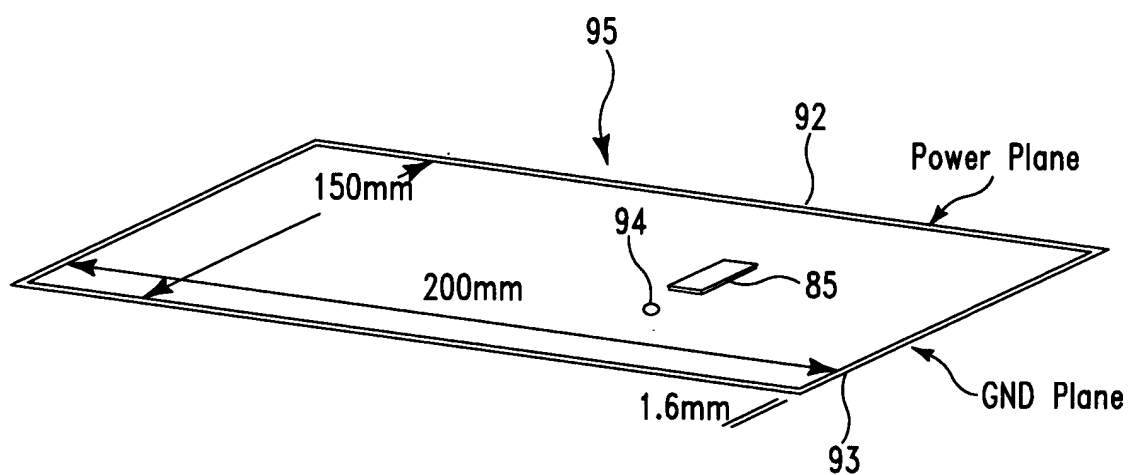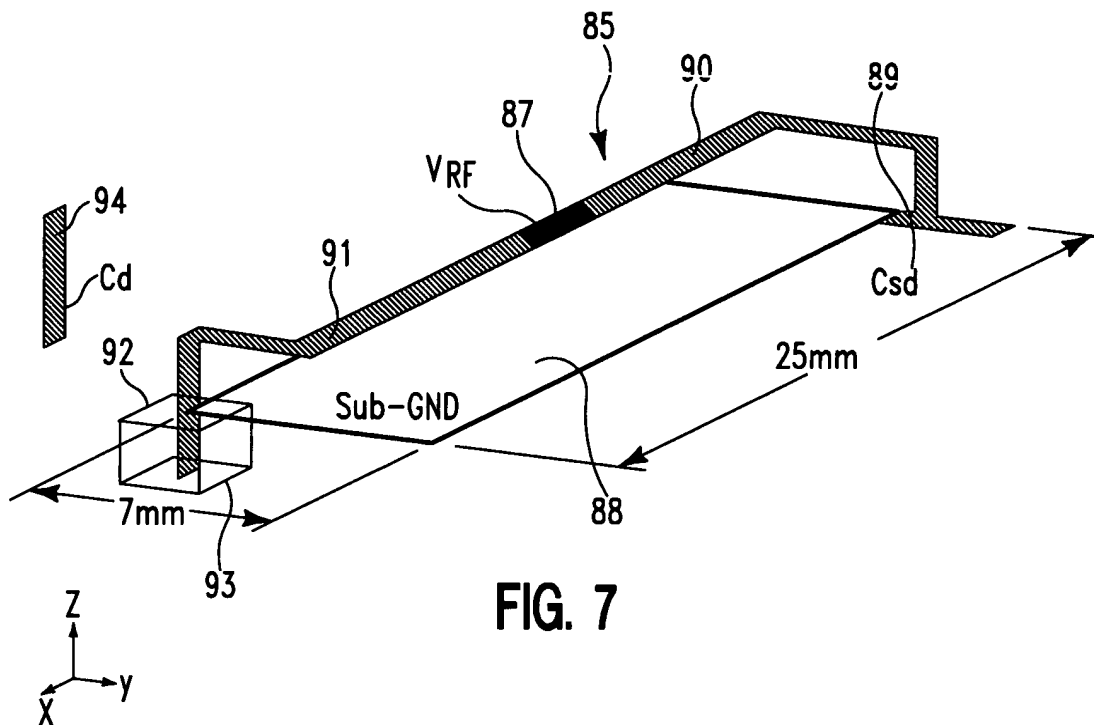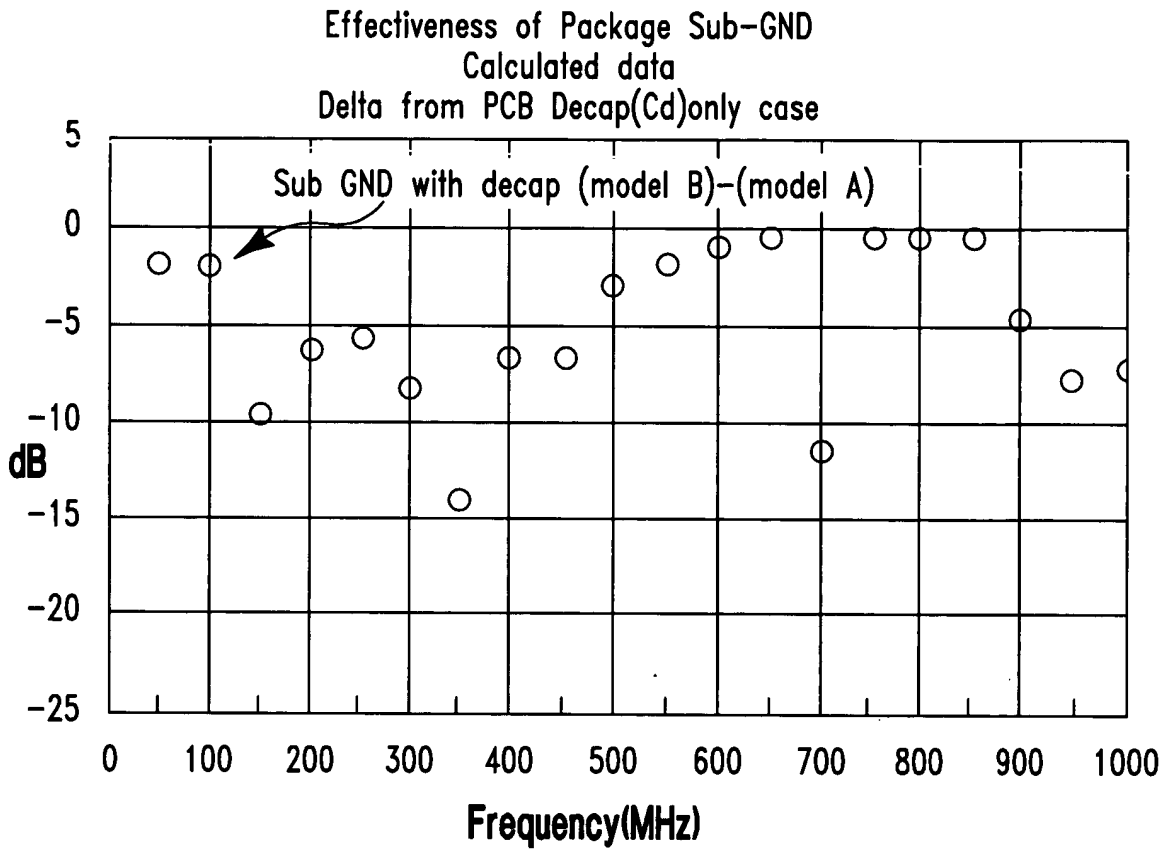| Model	Cd	SG	Csd	Component
A	0	X	X	Cd
B	X	0	0	SG+Csd
C	0	0	0	SG+Csd+Cd

FIG. 6

FIG. 7

FIG. 8

Effectiveness of Package Sub-GND
Calculated data
Delta from PCB Decap(Cd)only case

Sub GND with decap (model B)-(model A)

dB

Frequency(MHz)

FIG. 9

100
(Battery DC 9v)

94
(Cd)

87
(U2)

88
(Sub-GND)

89
(Cds)

102
(Csi)

101
(U1)

103
(Cs)

104
(Y1)

FIG. 12

Effectiveness of Package Sub-GND
Calculated data
Delta from PCB Decap(Cd)only case

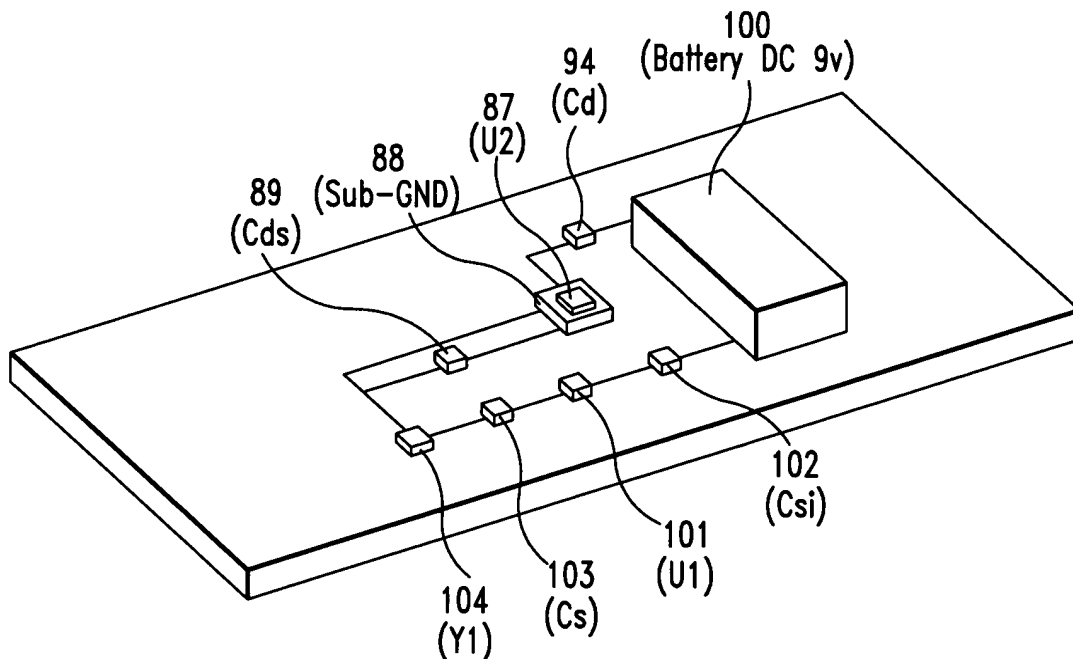Sub GND with decap and PCB decap
(model C)-(model A)

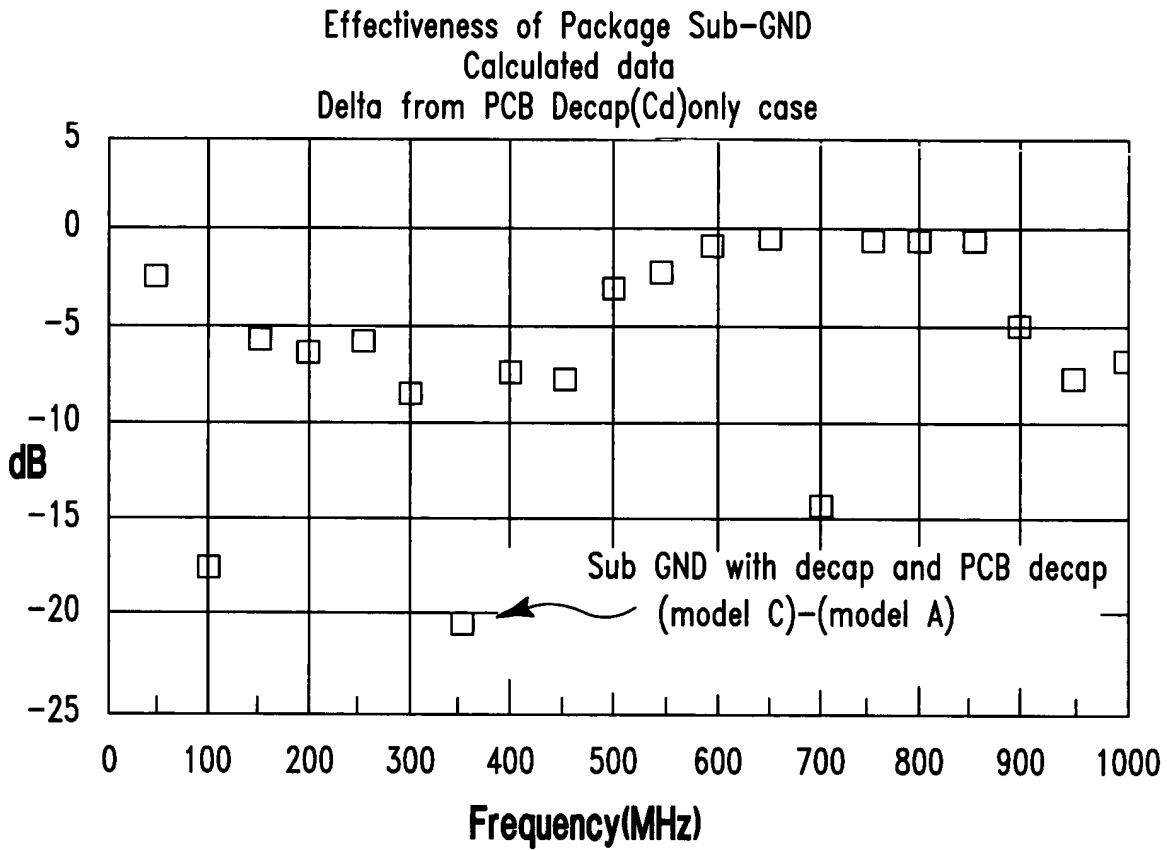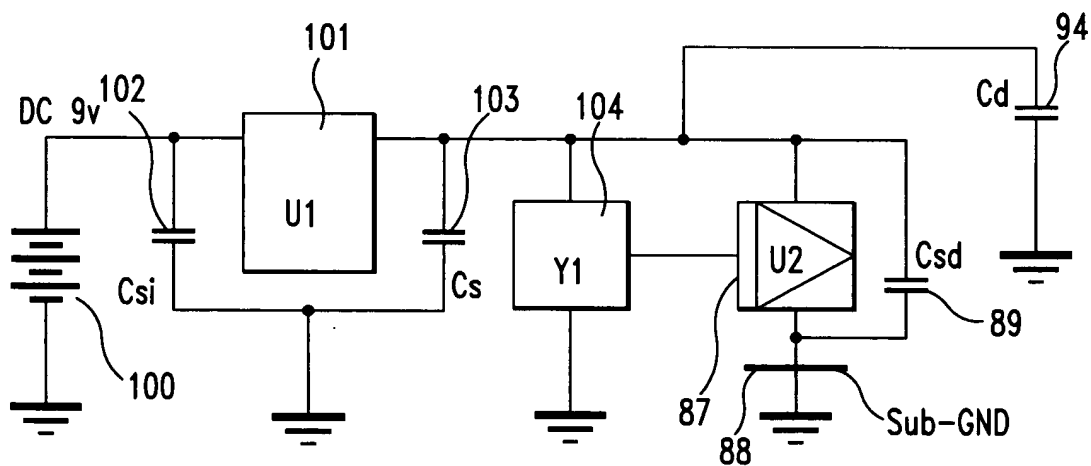dB

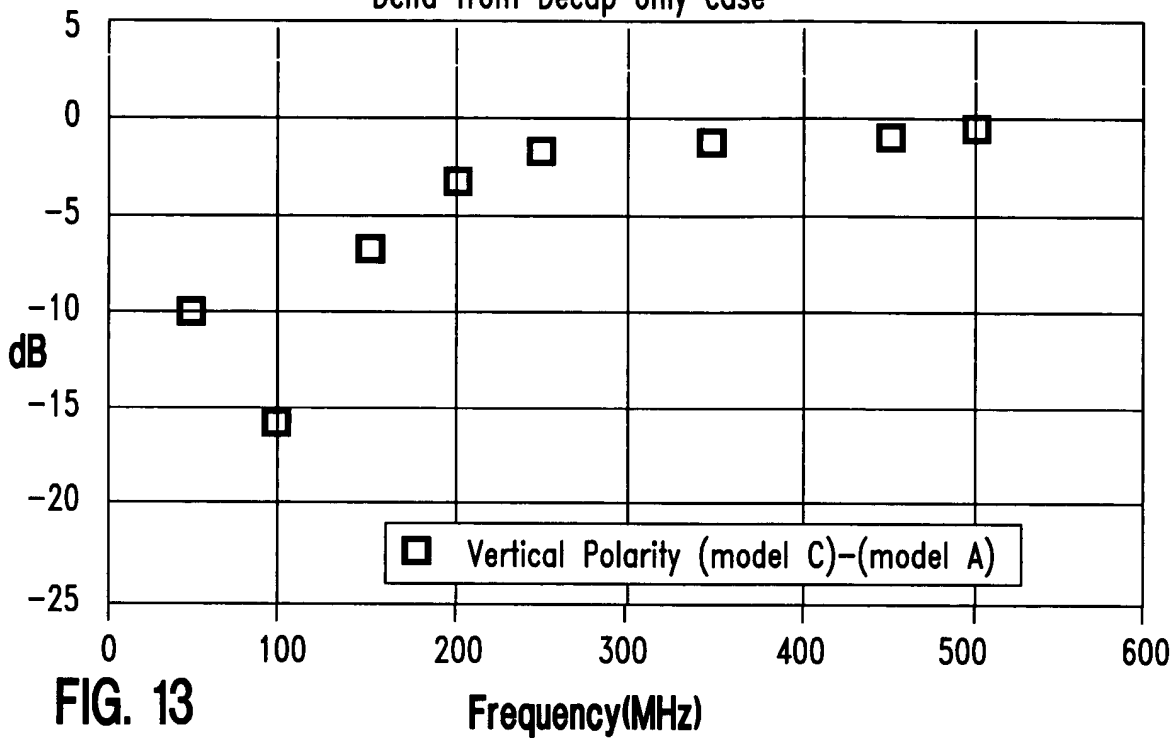Frequency(MHz)

FIG. 10

FIG. 11

Effectiveness of Package Sub-GND
Measured data
Delta from Decap only case

FIG. 13

Effectiveness of Package Sub-GND
Measured data
Delta from Decap only case

FIG. 14